

The Official Newsletter of the Kansas City DX Club

# ***KC DX NEWS***

**ABØX-EDITOR**

KCDXC Website: <http://www.kcdxclub.com/>

**JUNE 2022**

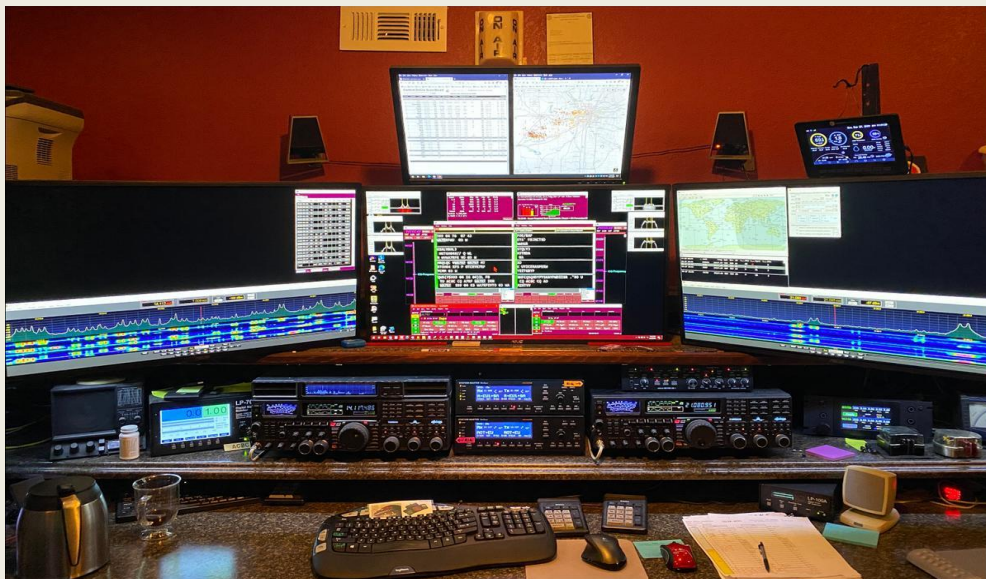
## **IN THIS ISSUE:**

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**NEXT KCDXC MEETING: June 27** -The next KCDXC meeting will be a live meeting at the JOCO Library, 9875 W. 87th St., Overland Park KS, 66212. Start: 630pm. Topic of the evening, Field Day. Our program will be discussion of Dayton and changes needed. **Send your shack pics to [ab0x@kc.rr.com](mailto:ab0x@kc.rr.com) .**

**NEW FEATURE: SHACK PICTURES! ACØC**



ACØC: Left: "Op position built for So2r contest operation: Yaesu FT-DX5000MP driving Elecraft KPA1500 and homebrew amps. Telepost LP-100a. Telepost LP700 station monitor. Daiwa CN-801. Green Heron rotor controllers. Microham MK2R+ digital interface. Microham Stationmaster Deluxe station automation. Begalli paddles. Each rig is fitted with N8LP's LP-PAN driving NaP3 for bandscope functionality, Larcan Lo-Lo 6m KW amp. Thanks, Jeff!!! See More pics of ACØC's Shack on page 4.

## KCDXC DXCC HONOR ROLL

Call	Mixed	CW	Phone	DIGI	IOTA	160	6 M	DX Challenge
AB0X	357	353	349	232		225	37	2380
W0GJ	354	344	354	292		236	20	2799
N0RB	353	347	351				23	2269
K0CA	350	349	350	331	318	112		2631
N0CWR	350	349	350	326	975	202	66	2890
NX0I	350	349	347	271		211	6	2522
K3PA	350	348	345	319		188	36	2735
K0HQW	349	333	347			33		1352
KS0DX	347	318	348	129	360			2218
K4SV	346	340	344	337		301	87	2852
AC0A	348	321	348	24	882		15	2288
K0VXU	348	335	331	265	439	143	2	2295
K0GY	344	340	344	290			5	2295
KB0X	336							
K0AP	334	331	325	295		47	8	2353
W0QQ	334	240	332	254	151	111	25	1808
K4SX	331	280	320	187		52	82	1773
KE5BR	330	177	297	79				742
WA0WOF	330							
K0THN	329	314	284		179	1		
W0MB	325	229	324	251				1849
RA3R	325	241	290	112		83		1412
W0FS	322	270	295	230	657	181		1165
K0XM	321	282	274	42	26	103		1770
AA0MZ	312	290	292	220	532	44	20	1296
AC0C	310	306	267	243	160	128	3	1852
K0IZ	300		300					
NS0D	263	219	142	130		3	2	
W0XE	248	216	193	14				833
AI60	255	228	197	171		20	10	992
AD0K	257	242	85	85	196	35	4	1329
W0DR	225	30	174	70		10	7	622
N0EG	210	171	147	198		1	10	623
N9GB	203							
KS0AA	172	75	84	154		3		507
W0ZAP	140	37	75	110		18	2	382
WD0SRI	63	17	56			1	1	

Red indicates member is at the top of the DXCC Honor Roll in that respective class. Totals are with deletions. NOTE: When changes of DXCC totals are sent in to me, they are immediately updated in the next month here in the newsletter. Send to [ab0x@kc.rr.com](mailto:ab0x@kc.rr.com) . Please only one update a month.

## The President's Corner

Hi everyone!!!

Well, Dayton /Xenia has come and gone. For those of us who did attend- I am sure a good time was had by all. I spent a lot of it in pain from my back and legs so if you saw me sitting, that is why (getting old and busted SUCKS). As some of you have heard, the Pileup contest had a hiccup and to prevent further issues we decided to call it off early (like maybe a dozen people have completed it type of early). Everyone understood, and the comments basically were that they would look forward to next year. After the issue was determined, there were a few who tried and the issue was determined and steps were put into place to prevent it from happening in the future. One good thing did come out of it (besides the determination the hardware needed to be changed)- we decided to donate the IC7300 (we as in myself, Lee K0LW and Ray Novak from ICOM N9JA), to the Bouvet group for them to utilize as they wish to assist with funding or use for the DX-pedition. So positive vibes came from that move. I sincerely want to give kudos to Russ K0VXU, Bill K0VBU, Brain K0BS, and Joe KA3NAM for their efforts to resurrect the program and their ultimate determination of the problem. Thank you, gentlemen.

I hope everyone has had a chance to look at the new website. Jay W0JD has done an AMAZING job bring the site over to WordPress and making it "pretty" (for lack of a better word). Again, props need to be given to Bill, K0BVU for being the web-master for all those years. Your time maintaining this is appreciated (I know what a tedious task it can be at times, I maintain byrg.net). We have some great plans for the future and I will fill you in as we get closer to each new "perk"

I did do a LOT of elbow rubbing at Dayton, and lined up a few good Zoom presentations for the remainder of the year (actually the count could take us well in the next year with everyone who showed interest in chatting with us)-. Here are a few I made note of.

K0MD- Scott has an awesome presentation of his DX-pedition travels

Bernie W3UR of the Daily Dx

TZ4AM, J68HZ, INDEXA reps

Mike from Ham Radio Deluxe showed interest- I know a lot of us use that program.

A POTA presentation- it is growing at an accelerated rate folks.

The ARRL- (maybe the DXCC Desk rep.

DXEngineering



West Mountain Radio (Yep, the rig runner people)

Steppir antennas

RF-Kit, A German company who introduced a new Solid-State AMP for HF RF2K-S

Those are just a few to look forward to. I need to figure out the scheduling and set it up with each.

Hope everyone has a good Field Day and also a good, SAFE month of June. I look forward to hearing your feedback on the new website, and hopefully some ideas on what you would like to see there.

73 es Good DX, Chuck KØXM (ex- NØBIW)

## MORE ACØC SHACK PICTURES(Continued from page 1)





## KCDXC GEAR!



We have a new vendor for KCDXC swag (shirts, hats, jackets, etc). The URL is:  
<https://www.hamthreads.com/>

Chuck & I spied this couples' (Diane-KI5IMP & Bob Crane-KI5RAC) booth at Hamvention and their products are outstanding. I sent our logo file to them this morning and they have it up on their website already. They (along with everybody else on the planet) are having supply chain issues, but I was able to order two polo shirts today. I'll post a couple of pix when I receive them.

Ordering is relatively simple. When selecting your product, look on the left side of the page for the "Club (C1)" radial button. Clicking on that button launches a second window of all the designs they have available on the site. Scroll down until you find the KCDXC logo and select it. You will automatically receive a 15% discount off retail pricing for the item you're ordering.

For those of you who may have an aversion to placing orders online, feel free to call them at: (817) 602-1834 or send them an email at: [info@hamthreads.com](mailto:info@hamthreads.com)  
Either way works.

Any questions, call me (913) 226-1016 or send me an email at: [rickp098@gmail.com](mailto:rickp098@gmail.com)

Rick  
WØZAP

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## TWO METER TRAIL

BY KY00

Two meters is a fun band, because it has several tropospheric modes, E. layer, and during the solar maximums that are intense at the peaks, F(1) and F(2) conditions.

Stations in central and south America are often heard at these times.

### Ducting

Ducting is recognizable when stations are heard in a narrow corridor along a frontal boundary where warm and cold air come together. Stations along the front that are in the duct can hear each other at five eight and five nine with no difficulty. QRP operators in the duct are able to get into the pile-up and work the station, often getting the station to reply on the first call when the operator hears, "QRP!"

General inversions occur when someone hears five eight and greater stations throughout a broad square area, and hears all stations work all others in the inversion coverage area. These phenomenon are the result of warm air overlaying cooler air in the area of enhancement, and allowing most operators to work distant stations with modest equipment. These inversions occur around Labor day weekend.

### E(S)

E(S) is similar to six meter E(S), but doesn't happen as much. This mode is very exciting when two meters opens. With good antennas, stations can hear twenty over nine signals on E(S) openings. This mode is known by its rapid fading and like six meters, it opens and closes quickly and the direction of the opening can change rapidly.

### F Layer modes

F(1) mode occurs at the solar peak, and is recognized by long contacts with little fading. Operators can get twenty over nine signals for up to an hour in this mode. Central/South America are workable by listening on 144.3 upper.

F(2) is even more stable, and can work in such a way that both short and long path propagation can happen. Smaller antennas allow operators to hear back scatter on both F layer modes, and if one listens on 144.3 and looks toward Central/South America, can hear stations from those areas and work them.

Like six meters, Trans equatorial (TE) and FAI, (field aligned irregularity) happen near the equator, and operators from Belize to New Zealand talk to each other regularly. These modes sound a lot like F layer modes.

The extraterrestrial modes, moon bounce and meteor scatter, are best done by using digital modes. (FT-8, MSK 144, and others.

EME, earth-moon-earth, is a mode which requires some skill, but is what it says. You take a station, aim it's antenna at the moon, and bounce signals off it and

work other stations along the path. It works exactly like the old Echo satellites of the early 1960's. Nowadays, you can use a hundred watts and a fairly large tropo yagi, (an 18XXX or other large single yagi) to make contacts. If you're going to run EME, beware of Faraday rotation, where the Earth's Van Allen belt changes the polarity of the signals. Look up KL7WE's material on this subject. It's impressive. Tim is a silent Key, but check with the Central States VHF Society and see if their earlier conference proceedings are available on Faraday rotation.

## Meteor Scatter

More and more operators are using MSK-144, part of the WSJT-X suite of digital programs to make contacts on two meter meteor scatter. This mode digs out the signal from the noise nicely, and provides confirmations quite often. Standard tropo stations do much better with this mode than CW/SSB. For these modes, your Icom or Yaesu rigs which have two meters may work fine with help from a small amplifier/preamp combination. We'll cover hardware later.

## Scanning The Bands

On April 21 at about 1300, I worked Bob, K2DRH in EN41 and Gill, N0FXC, in EM29, on 144.2 USB. Later at 1521, I worked Ron, W9ZIH in EN51NV.

Well, I hope you try Two meters using weak signal modes this summer. The ARRL June sweep Steaks will be in full swing in the second weekend. I hope to see you in the contests. It's a mixed mode affair, and lots of fun.

The third weekend in July is the CQ sweep steaks. The September ARRL contest happens in the middle of September and is exactly like the ones in June and on the second weekend of January. Try them all and have fun.

Get me your VHF contacts and we'll get 'em in this article. Remember—it's YOUR newsletter too, and there's no three-month wait to see results like in other VHF columns. I'm not belittling them. We're a local publication, and these columns are nation-wide, and their editors have to collate lots of data from all over the world. Check CQVHF and THE WORLD ABOVE FIFTY MEGAHERTZ for international news. Just be aware they have long lag time to this volume of data.

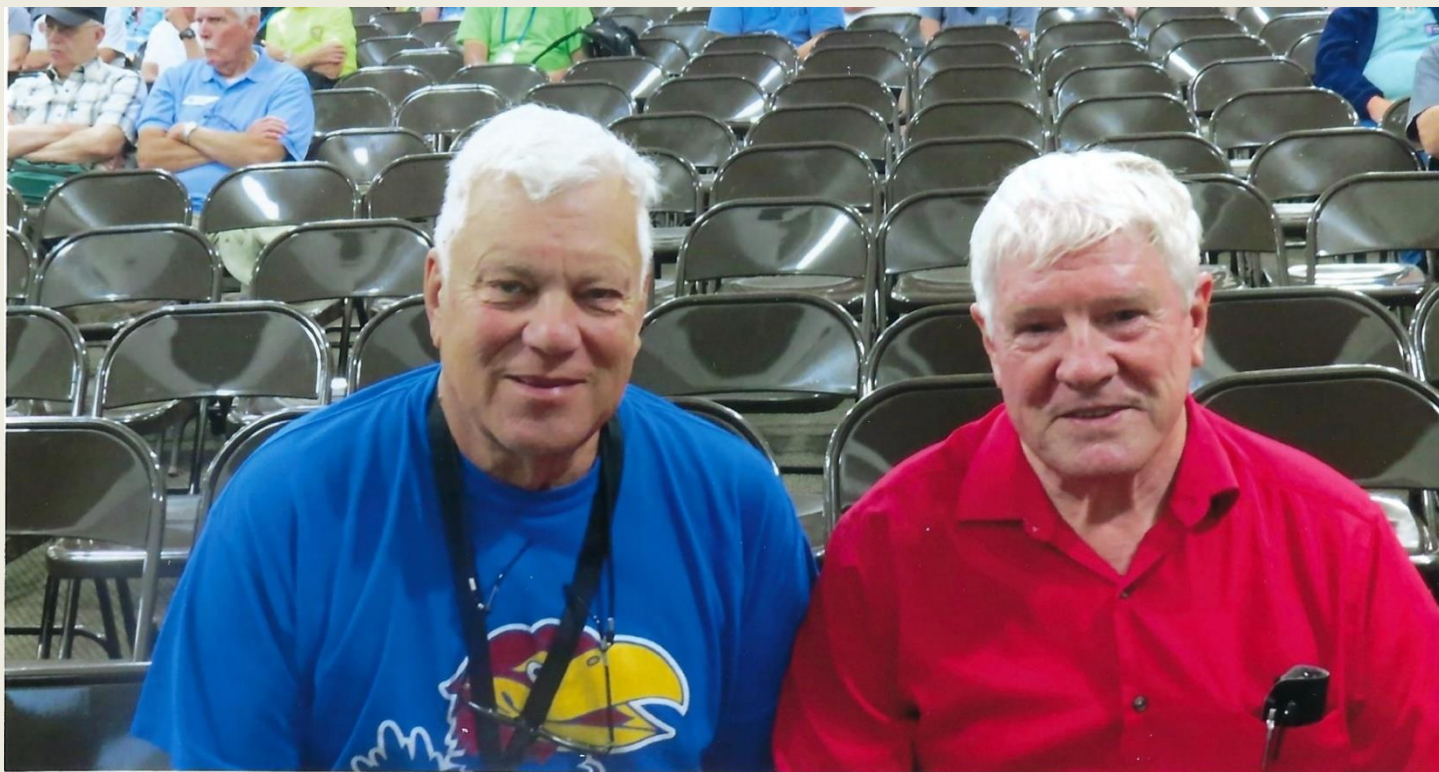
I'm posting openings to the list, so be sure and check the Groups.io KCDX Club mailing list for openings, as, on VHF/UHF, they come and go quickly. Join our mailing list on our web site.-KY00

## DX NEWS & VIEWS

BY AB0X

Dayton always offers the opportunity for DXers to meet some of the DX hams they have been working and talking to from foreign lands over the years. N0RB sent over a pic(below) of he and TZ4AM at the DX Forum at the Hamvention. Of course, Rick never met a stranger, so he struck up a long conversation prior to TZ4AM's talk at the forum.





Below is a pic of Jeff, TZ4AM, during his presentation at the DX Forum at the Hamvention



Thanks, Rick, NØRB!  
KØXM reports he made contact with TZ4AM and hopes for a Zoom presentation from Jeff for a KCDXC Meeting!



### 6 Meter DX Recently worked from KC Area-

Several KCDXC members have been kicking butt on 6 Meters recently with numerous new countries being worked on the Magic Band. N0CWR and NX0I worked ON, DK, PA, F, and DK. CWR worked additional goodies such as 4X, LY, R2, G, F, 9H, I, SM. Kevin is near the 80 countries worked mark with these recent new ones. AB0X snagged 9H, DL, ON, PA, 8P, PJ4, GI, G, SM and F. One Euro opening was later in the day around 2200-2300Z, instead of the expected morning and midday usual openings. K0XM picked up a few new ones on 6M as well. Some old timers are learning to like FT8, especially on 6 Meters.

### Around the Horn from the DX Bulletin:

3B9, RODRIGUES ISLAND. Members of the Mauritius Amateur Radio Society (MARS) are planning to activate Rodrigues Island (AF-017) between August 5-9th. Operators mentioned are Francois/3B8BAN, Jacky/3B8CF, Patrice/3B8FA, Gerard/3B8FV and Patrick/3B8GF. Activity will be on all HF bands and three QO-100 portable satellite stations. Complete details and the callsign have not been released yet. Be looking for more details to be forthcoming.

5H, TANZANIA. Eugen, DL8AAI, is expected to be active as 5H2JK from the Kilimanjaro region in August. QSL via DL8AAI. No other details were available.

60, SOMALIA. Ali, EP3CQ (60100), has been out of the country, but is expected to return to Mogadishu on June 16th and will stay for about a month. Activity will be on 80-15 meters using FT8/FT4 and some CW. As always, his activity will be limited to his spare time because he works for the UN Department of Safety and Security (UNDSS) in Mogadishu. Ali suggests to watch for him on/after 1800-1900z until 02400z. His rig is a FT-450D w/100 and 180 watts into a Little Tarheel II and SE-360. The 60100 station is currently the only active and licensed Amateur Radio Station in Somalia. QSL direct to: Ali Solhjoo, Schnackenburgstr. 3, Berlin 12159, Germany. QSL cards will be replied to on a bi-monthly basis. IRC's are not accepted. Ali is also looking for some kind of support to help update his equipment. For updates, it is suggested to watch QRZ.com or Twitter (<https://twitter.com/EP3CQ>).

7P, LESOTHO. "A South African Ham Radio Dxpedition 2022" from Lesotho between November 2-7th. Operators Mike/ZS6MSW (Team Leader), Erika/ZS6ESW, Gert/ZS6GC, Elna/ZS6EB, Sid/ZS5AYC, Adele/ZS6APT, Lucas/ZS6ACT and Magda/ ZS6MMS will be active as 7P8CW from Hlotse, Lesotho. Activity will be on 80-10 meters using CW, SSB and FT8. QSL via ClubLog and eQSL.

7T60, ALGERIA (Special Event). Members of the Great Desert Djelfa Radio Club (7X2VFK) will be using the special event callsign 7T60A to celebrate the 60th anniversary of Algeria's Independence Day. The special callsign will be used between July 1-30th. QSL via: BOX 063, DJLEFA 17000 ALGERIA.

7Y19, ALGERIA (Special Event). Members of the Great Desert Djelfa Radio Club (7X2VFK) will be using the special event callsign 7Y19MG for 19<sup>th</sup> Mediterranean Games Oran Algeria between June 25th and July 6th. Activity will be on all modes and bands. QSL via: BOX 063, DJLEFA 17000 ALGERIA (No IRCs, only 2 USDs).

74TH IDXC NEWS (Press Release - Hotel Reservations for IDXC 2023 Open on Monday

June 13th)[edited]. 74th International DX Convention \* April 21-23, 2023 \* Visalia, California Please Join us for IDXC 2023 in Visalia, California! The 74th International DX Convention, co-sponsored by the Northern California DX Club (NCDXC) and the Central Arizona DX Association (CADXA), will be held again at the beautiful Visalia Conference Center in downtown Visalia, California from April 21-23, 2023. If you're a DXer or interested in any aspect of Ham radio, then IDXC is the place to be. Top DX operators (and testers) from around the world will be there. You'll match those familiar callsigns with new faces, and shake hands with the person you have had a sched with for the past 10 years but never met. NOTE: Hotel Reservation information will be posted on Monday, June 13, 2022. Participating Convention Hotels are the Marriott, Comfort Suites and the Wyndham Hotels. You can make your hotel reservation at the Convention rate at ([www.dxconvention.com](http://www.dxconvention.com)). Convention Overview:

- \* Convention is a full 2.5 Days: Friday (April 21); Saturday (April 22); 1/2 day Sunday (April 23)
- \* Full day of training & presentations on Friday, April 21
- \* Two Seminar Tracks on Saturday, April 22
- \* Contest Forum, DX Forum, YL Forum, QSL Card Checking
- \* 15-20 DX & Technical Seminars
- \* Large Exhibit Hall - where you can comfortably talk to the people who design and sell ham radio equipment
- \* Great Raffle Prizes
- \* Friday Evening Dinner Options: TopBand, IOTA, and Contesting

Over the next several months we'll be inviting speakers, finalizing the program, setting up the Exhibit Hall, and generally preparing for a memorable convention for all attendees. If you have any questions or comments, please email at: [IDXC2023@gmail.com](mailto:IDXC2023@gmail.com) Thanks in advance for your support. We look forward to seeing you next April ! ([www.dxconvention.com](http://www.dxconvention.com))

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A3, TONGA. Masa, JA0RQV, will once again be active as A35JP from Nuku'alofa, Tongatapu Island (OC-049) between August 20th and September 24th. Activity will be on 80-6 meters using CW, SSB and FT8. Equipment is an IC-7300 w/100W into a Vertical antenna. QSL via LoTW and ClubLog, or direct w/2 USDs or by the Bureau via his home callsign JA0RQV. He states, "If you need paper QSL, please be patient to receive it because I will be able to issue paper QSL after I return to Japan in October 2022. Please do not send SASE to my home address." He also mentions, "Sorry but I can not activate any outer islands this time such as Niuafoou (OC-123), Vava'u (OC-064) and Ha'apai (OC-169) due to restriction of transportation of COVID19." For more details and updates, visit his QRZ.com or his Blog page at: <http://blog.goo.ne.jp/rqv> BX0, TAIWAN. Ken, BW2/JPIRIW, will be active as BX0QSL from New Taipei City, Taiwan, between July 11th and November 30th. Activity will be mainly on the Digital modes. QSL via BM2JCC.

CY0S SABLE ISLAND DXPEDITION NEWS (Update). Murray, WA4DAN, reports the following on June 11th: Here is the latest update on the 2022 Sable Island CY0S DXpedition: "Planning continues to go well for the October/November 2022 CY0S DXpedition. The following are the assignments for the team members:  
Team Leader: Murray WA4DAN, Operations Manager: Dan W4DKS, IT Managers: Jay K4ZLE

and Bill K5DHY, Operator Schedules: Lou N2TU, Team Doctors: Glenn W0GJ and San K5YY, Antenna Design: Bob K4UEE and Dan W4DKS, Transport to Halifax, NS: Pat N2IEN EME Op: Lee WW2DX, Webmaster: Chaz W4GKF, Transport Partners to Sable Island: Sable Aviation and Vision Air Services.

This week the team submitted to the ARRL DXCC Desk the Parks Canada approval documents. The team is hoping to have the exact dates for the DXpedition before the end of June. The fundraising continues to go well and the team is very appreciative of the worldwide support. Thank you!" 73, Murray WA4DAN  
2022 Sable Island CY0S DXpedition

DXCC NEWS. The ARRL DXCC Desk has approved the recent 3D2RRR operation from Rotuma Island. This is per Sharon Taratula ARRL Awards Manager.

FS, St. MARTIN ISLAND. Paul, W7NZJ, will once again be active as FS/W7NZJ from Orient Beach, St. Martin (NA-105, DIFO FS-001, WLOTA 0383) between July 13-20th. Activity will be on 40-10 meters and only on the CW and the Digital modes (20-10m), using an Icom 706 with 100w into a 20m dipole and Buddistick. QSL via eQSL.  
*THANKS, OHIO/PENN DX BULLETIN!*

## MORE DAYTON FUN

BY AB0X

There are many hams who have made the trip to Dayton, Ohio, that have never done anything but attend the Hamvention. This past Hamvention, AC0C, N0AG and I took some time away from the Hamvention to do something the three of us had always wanted to do, but never seemed to find time to do it. We left the Hamvention a little early on Saturday afternoon and took a short ride out the US Air Force Museum at the Wright-Patterson A.F.B.

We walked and relived memories in a 2 hour tour that could have lasted nearly all weekend if we had not been ham's crazed with the intent to walk an endless flea market and spend money at the commercial ham booths at Hamvention.

We learned later that KCDXCer Pete Henderson, NS0D, was at the Museum at almost the same time, even though we did not run into each other. Below are some pics of our adventure. My personal favorite was the real "Memphis Belle" B-17 of WWII fame. We highly recommend you make the trip to the museum on your next visit to Dayton!







Hope you enjoyed the flight!-AB0X

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FMSCP-31-10	1/4, 1/2, 3/4 Snap On	\$49.95
MRSCP-31-17	3/8, 1/2, 3/4 Snap On + 1.4" ID Ring	\$94.95
FRCP-240-10	31-(4), 61-(3), 75-(3) Ring	\$94.95

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